ANNUAL REPORT
OF
THE FIRE MARSHAL
FOR THE PROVINCE
OF
NEW BRUNSWICK

Statistics 1983

101-05153/

Honourable Joseph W. Mombourquette
Minister of Labour and Human Resources
Province of New Brunswick

Sir:

Pursuant to Section 5, Fire Prevention Act R.S.N.B., Chapter F-13, I have the honour to submit the Annual Report of the Fire Marshal for the year ending December 31, 1983.

The summary of losses by county and municipality are given in Table 1. The comparative losses in municipalities on a per capita base is given in Table 6.

The following is a list of the tabular contents of the report:

Table No. 1 - Fires and Losses by Location.
Table No. 2 - Act or Omission Classification.
Table No. 3 - Losses by Source of Ingition Classification.
Table No. 4 - Losses by Property Classification.
Table No. 5 - Summary of Losses 1981, 1982, 1983.
Table No. 6 - Comparative Losses in Municipalities.
Table No. 7 - Ten Year Loss History.
Table No. 8 - Losses in Fires over $100,000.
Table No. 9 - Statement of Fatalities.
Table No. 10 - Statement of Fire Injuries.
Table No. 11 - Summary of Inspections by County.
Table No. 12 - Miscellaneous Losses not included in Tables 1 - 11.

Both the number of fires and the total dollar loss value have decreased in 1983 in comparison to 1982. The total number of fires reported has decreased from 1,160 to 870, giving a net decline of 290. The total dollar loss value, likewise, has dropped from $19,782,610 to $13,732,841 for a net decrease of $6,049,769. It is hoped that these significant decreases are a result of greater emphasis being placed on fire prevention and that they will continue to be reflected in the future. In addition to fire prevention efforts, a large part of the credit in reducing losses should go to the fire service in the Province. Their quick response to emergency calls and expertise in combating fires at the scene have certainly been a major factor in reducing the dollar loss figure.

The number of persons who died in fires in 1983 remained at 15 which was the same figure as 1982. This is discouraging in light

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of the decreased number of fires reported. However, on the encouraging side, the number of injuries reported as a result of fires decreased from 26 in 1982 to 17 in 1983.

The demand for training was heavy in 1983 with all of the classes in fire fighter phase training at the Academy in Saint John being filled and several people had to be turned away. Fire prevention training lectures were given in 229 schools throughout the Province in 1983. Specialized training in arson investigation were given to selected police and fire service personnel during the year and a number of programs on fire prevention and evacuation procedures were given at various hospitals and nursing homes. The Fire Marshal's Office was deeply involved in the establishment of the New Brunswick Fire Service Instructors' Association and is working closely with this group to set up a mechanism whereby more training can be done in the participants' home area. This will hopefully allow more candidates to receive training and cut down on the distance they must travel to receive training.

While our complement has remained the same, the demands for training and fire prevention assistance placed on the program has greatly increased. We have continued to maintain a level of service which meets the requirements of most of the people but which is still not the optimum. The degree of success we have achieved is, in no small part, due to the efforts and dedication of our staff who are indeed deserving of a special vote of thanks.

A preliminary study on the operation of the Office of the Fire Marshal was undertaken in late 1983. As a result of this review, it was decided that a thorough and in-depth study of the Fire Marshal's Office and its relation to the Fire Service and other government and private agencies should be done. This study will be done in association with the general study on inspection services being carried out by the Office of Government Reform. It is hoped that the results of these studies will provide the direction for the Fire Marshal's Office to follow in the years to come.

The Fire Marshal, Mr. Gilford R. Elliott, retired at the end of 1983 after 27 years of service with the Government of New Brunswick. Mr. Elliott's contributions to the successful operation of the Fire Marshal's Office were greatly appreciated and we wish him a long and enjoyable retirement. During the period of time required to complete the previously mentioned study, the Fire Marshal's position will be filled on an acting basis.

In conclusion Sir, I wish to express our appreciation for the support and co-operation we have received from other government departments,

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insurance companies, insurance adjusters, Insurance Crime Prevention Bureaux, Insurance Advisory Organization, Insurance Bureau of Canada, The Royal Canadian Mounted Police and all the other municipal police and fire departments with whom we work. A special thanks must be given to the Department of Municipal Affairs who so actively support the fire service through the purchase of fire fighting equipment and the establishment and expansion of fire stations to house this equipment. Our office also appreciates the help and support we receive from the various industrial fire brigades throughout the Province.

I wish to extend my thanks to everyone who has contributed to our endeavours and we look forward to our goal of assisting the fire service and further reducing the losses caused by fire.

I have the honour to be,
Sir,
Your obedient servant,

M. P. Fitzpatrick

M. P. Fitzpatrick, P. Eng.
Acting Fire Marshal

L'honorable Joseph W. Mombourquette
Ministre du Travail et des Ressources humaines
Province du Nouveau-Brunswick

Monsieur le Ministre,

Conformément à l'article 5 de la Loi sur la prévention des incendies, chapitre F-13 des L.R.N.-B., j'ai l'honneur de vous soumettre le rapport annuel du prévôt des incendies pour l'année se terminant le 31 décembre 1983.

Un récapitulatif des pertes matérielles réparties par comté et par municipalité est présenté au tableau 1.

Les données comparatives des pertes par habitant à l'échelle des municipalités sont présentées au tableau 6.

Voici une liste des tableaux contenus dans le rapport:

Tableau 1 - Incendies et pertes par emplacement
Tableau 2 - Classification des actions ou omissions
Tableau 3 - Classification des pertes par foyer d'incendie
Tableau 4 - Classification des pertes en biens
Tableau 5 - Récapitulatif des pertes pour les années 1981, 1982 et 1983
Tableau 6 - Données comparatives des pertes par municipalité
Tableau 7 - Chiffres sur les pertes enregistrées au cours des dix dernières années
Tableau 8 - Pertes de 100 000 $ et plus
Tableau 9 - Chiffres sur les pertes de vie
Tableau 10 - Chiffres sur les cas de blessures
Tableau 11 - Récapitulatif des inspections par comté
Tableau 12 - Pertes diverses non incluses dans les tableaux 1 à 11

Le nombre de feux et le montant total des pertes ont tous deux diminué en 1983 par rapport à 1982. Le nombre total d'incendies recensés est passé de 1 160 à 870, soit une baisse nette de 290. Le montant total des pertes est également passé de 19 782 610 $ à 13 732 841 $, soit une baisse nette de de 6 049 769 $. Nous croyons que ces baisse importantes sont dues aux efforts déployés pour la prévention contre les incendies, et que ces chiffres continueront à baisser. En plus des efforts déployées pour la prévention contre les incendies, la réduction des pertes est due dans une large mesure au service d'incendie de la province. Leur prompte réponse aux appels d'urgence et la compétence technique dont ils font preuve sur la scène d'un incendie ont certainement constutué un facteur important dans la réduction du montant des pertes.

On a déploré 15 pertes de vie dues aux incendies en 1983, soit le même nombre qu'en 1982. Ces chiffres sont décevants, vu la diminution du nombre d'incendies recensés. Il est toutefois réconfortant de voir que le nombre de blessures dues aux incendies recensées est passé de 26 en 1982 à 17 en 1983.

La demande en formation a été très forte en 1983, et toutes les classes de formation des sapeurs-pompiers de l'école de formation de Saint-Jean sont remplies à capacité; plusieurs candidatures ont dû être refusées. Des conférences de formation sur la prévention des incendies ont été données dans 229 écoles dans toute la province en 1983. Une formation spécialisée en enquêtes sur les incendies criminels a été offerte à des membres choisis des services de police et d'incendie au cours de l'année, et un certain nombre de programmes sur la prévention des incendies et les consignes d'évacuation ont été offerts dans divers hôpitaux et foyers de soins. Le bureau du prévôt des incendies a participé activement à la création de l'association des instructeurs du service d'incendie du Nouveau-Brunswick et travaille étroitement avec ce groupe à la mise en place d'un mécanisme qui permet d'augmenter le volume de formation dans la région des participants. Ce mécanisme devrait permettre d'offrir une formation à un nombre plus élevé de candidats et de diminuer la distance qu'ils ont à parcourir pour suivre leurs cours.

Bien que nos effectifs n'aient pas augmenté, la demande pour la formation et l'assistance qu'offre le programme de prévention des incendies a augmenté considérablement. Nous avons continué de maintenir un niveau de services qui répond aux exigences de la plupart des gens, mais ce n'est pas l'idéal. Notre réussite est due dans une large mesure aux efforts et au dévouement de notre personnel, qui mérite un vote de remerciements tout particulier.

Une étude préliminaire sur le fonctionnement du bureau du prévôt des incendies a été entreprise en 1983. Suite à cette étude, nous avons décidé d'analyser en profondeur le bureau du prévôt des incendies et ses relations avec le service d'incendie et d'autres organismes gouvernementaux et privés. Cette analyse sera réalisée de concert avec l'étude générale sur les services d'inspection entreprise par le cabinet de la réformé gouvernementale. Nous croyons que les conclusions de ces études donneront au bureau du prévôt des incendies une orientation qu'il pourra suivre dans les années à venir.

Le prévôt des incendies, M. Gilford R. Elliott, a pris sa retraite à la fin de 1983 après 27 ans de service au gouvernement du Nouveau-Brunswick. La contrubution de M. Elliott au bon fonctionnement du bureau du prévôt des incendies a été

très appréciée, et nous lui souhaitons une retraite longue et heureuse. Au cours de la période requise pour mener à terme l'étude mentionnée précédemment, le poste de prévôt des incendies sera occupé par un suppléant provisoire.

Qu'il me soit permis en terminant, Monsieur le Ministre, de remercier de leur collaboration et de leur appui tous les ministères du gouvernement, les compagnies d'assurances, les experts d'assurances, les services anti-crime des assureurs, le groupement technique des assureurs du Canada, le bureau d'assurance du Canada, la gendarmerie royale du Canada et tous les autres services municipaux de police et d'incendie avec qui nous travaillons. Le ministère des Affaires municipales mérite des remerciements spéciaux pour avoir secondé activement le service d'incendie en achetant du matériel d'incendie et pour avoir construit et agrandi des postes d'incendie pour recevoir ce matériel. Notre b ureau apprécie également l'aide et le soutien que nous ont apportés les divers corps de sapeurs-pompiers industriels de toute la province.

J'aimerais adresser mes remerciements à tous ceux qui ont collaboré à nos entreprises; nous nous réjouissons à la perspective de remplir nos objectifs en aidant le service d'incendie et en réduisant davantage les pertes dues aux incendies.

Veuillez agréer, Monsieur le Ministre, l'expression de ma haute considération.

Le Prévôt des incendies par intérim,

M. P. Fitzpatrick

M.P. Fitzpatrick, P. Eng.

T A B L E 1

SUMMARY OF LOSSES BY COUNTY AND MUNICIPALITY

FIRES OCCURRING IN THE YEAR 1983

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
ALBERT COUNTY				
Alma				
Hillsborough	2	764,751	1,820	766,571
Riverside- Albert				
Riverview	10	68,539	10,021	78,560
Unincorporated Areas	9	31,482	6,614	38,096
COUNTY TOTALS	**21**	**864,772**	**18,455**	**883,227**
CARLETON COUNTY				
Bath	2	6,084	0	6,084
Bristol				
Centreville	1	3,250	2,750	6,000
Florenceville				
Hartland				
Woodstock	1	2,839	0	2,839
Unincorporated Areas	14	254,955	292,830	547,785
COUNTY TOTALS	**18**	**267,128**	**295,580**	**562,708**
CHARLOTTE COUNTY				
Blacks Harbour	1	315	0	315
Grand Harbour				
North Head				
Seal Cove				
St. Stephen	15	114,197	6,952	121,149
St. George	6	44,892	6,550	51,442
St. Andrews				
Unincorporated Areas	12	362,289	56,906	419,195
COUNTY TOTALS	**34**	**521,693**	**70,408**	**592,101**

TABLE 1 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
GLOUCESTER COUNTY				
Bas-Caraquet	1	21,551	461	22,012
Bathurst	24	275,071	191,874	466,945
Beresford	3	9,043	4,455	13,498
Belledune	2	52,136	0	52,136
Bertrand	2	3,123	2,956	6,079
Caraquet	1	4,620	0	4,620
Grande Anse	2	50,768	0	50,768
Lameque	2	4,592	2,712	7,304
Nigadoo	1	25,428	19,572	45,000
Paquetville	2	6,181	2,583	8,764
Petit-Rocher	5	119,228	42,685	161,913
Pointe-Verte	3	11,117	9,263	20,380
Sheila	4	52,971	11,765	64,736
Shippegan	5	10,677	46,043	56,720
St. Leolin				
Tracadie	4	91,685	58,404	150,089
Unincorporated Areas	40	768,559	311,033	1,079,592
COUNTY TOTALS	**101**	**1,506,750**	**703,806**	**2,210,556**
KENT COUNTY				
Buctouche	4	18,573	1,295	19,868
Rexton	1	900	0	900
Richibucto	6	51,643	1,925	53,568
Saint-Antoine	1	9,154	1,400	10,554
Saint-Louis-De-Kent	4	102,822	19,179	122,001
Unincorporated Areas	28	247,234	33,822	281,056
COUNTY TOTALS	**43**	**430,326**	**57,621**	**487,947**

T A B L E 1 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
KINGS COUNTY				
East Riverside-Kinghurst				
Fairvale				
Grand Bay				
Gondola Point				
Hampton	5	212,049	50,602	262,651
Norton	4	105,279	27,316	132,595
Quispamsis	2	54,319	2,993	57,312
Renforth				
Rothesay	1	0	950	950
Sussex Corner	2	44,220	0	44,220
Sussex	7	69,183	11,800	80,983
Westfield	2	3,782	1,913	5,695
Unincorporated areas	14	168,435	152,249	320,684
COUNTY TOTALS	**37**	**657,267**	**247,823**	**905,090**
MADAWASKA				
Baker Brook	2	5,186	1,587	6,773
Clair	3	15,878	100	15,978
Edmundston	28	173,973	26,090	200,063
Lac Baker (Baker Lake)	1	218	100	318
Riviere-Verte	2	11,259	1,323	12,582
Sainte-Anne-De-Madawaska	13	201,036	22,387	223,423
Saint-Basile	9	114,741	37,015	151,756
Saint-Francois-de-Mad.	3	41,458	17,100	58,558

TABLE 1 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
St. Hilaire	1	7,040	0	7,040
Saint-Jacques	5	146,220	700	146,920
Saint Leonards	2	8,974	3,000	11,974
St. Andre	2	36,223	28,705	64,928
Verret				
Unincorporated Areas	7	31,750	6,776	38,526
COUNTY TOTALS	**78**	**793,956**	**144,883**	**938,839**
NORTHUMBERLAND COUNTY				
Blackville	6	60,371	122,673	183,044
Chatham	14	151,283	9,380	160,663
Chipman	1	64,000	0	64,000
Douglastown	6	12,258	1,144	13,402
Doaktown	1	417	0	417
Loggieville	1	1,290	0	1,290
Neguac	3	13,879	0	13,879
Newcastle	14	80,875	10,858	91,733
Nelson-Miramichi	3	148,572	5,000	153,572
Rogersville	4	16,976	6,356	23,332
Unincorporated areas	74	560,564	95,881	656,445
COUNTY TOTALS	**127**	**1,110,485**	**251,292**	**1,361,777**
QUEENS COUNTY				
Chipman	2	5,668	150	5,818
Cambridge-Narrows				
Gagetown				
Unincorporated Areas	7	23,592	17,287	40,879
COUNTY TOTALS	**9**	**29,260**	**17,437**	**46,697**

TABLE 1 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
RESTIGOUCHE COUNTY				
Atholville	7	90,037	18,718	108,755
Balmoral	2	6,006	1,111	7,117
Campbellton	15	323,749	551,938	875,687
Charlo				
Dalhousie	4	92,977	37,363	130,340
Darlington	1	1,517	1,583	3,100
Eel River Crossing	3	16,017	4,433	20,450
Jacquet River				
Kedgwick	10	104,258	773	105,031
Saint-Quentin	8	70,800	7,464	78,264
Tide Head	4	41,540	3,695	45,235
Unincorporated Areas	23	375,459	119,040	494,499
COUNTY TOTALS	**77**	**1,122,360**	**746,118**	**1,868,478**
SUNBURY COUNTY				
Fredericton Junction				
Minto	6	39,724	25,207	64,931
Oromocto	8	162,088	3,526	165,614
Tracy		—		
Unincorporated Areas	11	199,516	55,531	255,047
COUNTY TOTALS	**25**	**401,328**	**84,264**	**485,592**
SAINT JOHN COUNTY				
Saint John	67	855,278	287,083	1,142,361
Saint Martins	1	10,000	60,000	70,000
Unincorporated Areas	3	25,205	360	25,565
COUNTY TOTALS	**71**	**890,483**	**347,443**	**1,237,926**

TABLE 1 CONTINUED

	FIRE	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
VICTORIA COUNTY				
Aroostook				
Drummond	6	66,860	13,060	79,920
Grand Falls	5	11,402	1,271	12,673
Perth-Andover	2	3,577	200	3,777
Plaster Rock	2	2,836	200	3,036
Unincorporated Areas	5	26,202	27,000	53,202
COUNTY TOTALS	**20**	**110,877**	**41,731**	**152,608**
WESTMORLAND COUNTY				
Cap-Pele	5	113,595	9,685	123,280
Dieppe	4	22,080	1,102	23,182
Moncton	58	270,797	53,053	323,850
Petitcodiac	1	10,000	0	10,000
Port Elgin	3	34,724	10,806	45,530
Sackville	2	11,064	0	11,064
Salisbury	3	8,180	503	8,683
Shediac	8	67,235	3,600	70,835
Saint-Joseph				
Unincorporated Areas	34	386,830	44,251	431,081
COUNTY TOTALS	**118**	**924,505**	**123,000**	**1,047,505**
YORK COUNTY				
Canterbury				
Fredericton	63	444,777	193,696	638,473
Harvey				
McAdam	2	11,472	33,750	45,222

T A B L E 1 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
Meductic				
Millville	1	7,464	0	7,464
Nackawic	3	65,457	12,610	78,067
Stanley				
Unincorporated Areas	22	165,110	17,454	182,564
COUNTY TOTALS	**91**	**694,280**	**257,510**	**951,790**
TOTALS FOR YEAR	**870**	**10,325,470**	**3,407,371**	**13,732,841**

TABLE 2
SUMMARY OF LOSSES BY ACT OR OMISSION CLASSIFICATION
FIRES OCCURRING IN THE YEAR 1983

	CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
10	**INCENDIARY OR (SET) FIRES**				
11	Criminal Offence (Criminal Code of Canada)	15	220,832	158,008	378,840
12	Incendiarism No Charges Laid	8	128,406	60,094	188,500
15	Mischief Vandalism: Charges Laid	2	6,103	0	6,103
16	Mischief Vandalism: No Charges Laid	5	49,150	4,600	53,750
19	Arson & Other Fires Unknown	11	169,187	588,012	757,199
20	**MISUSE OF SOURCE OF IGNITION**				
21	Disposal of smokers material	5	71,256	31,535	102,791
22	Thawing	1	19,751	0	19,751
23	Inadequate control of Open Fire	9	341,002	62,053	403,055
24	Child playing with fire	4	42,451	27,350	69,801
25	Welding or Cutting torch too close to fire	4	58,449	1,300	59,749
26	Torch too close to fire				
29	Misuse of source of ignition Unknown	4	30,830	24,403	55,233
30	**MISUSE OF MATERIAL IGNITED**				
31	Fuel spilled accidentially	3	52,076	44,000	96,076

TABLE 2 CONTINUED

CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
32 Improper fuelling technique				
33 Flammable liquid to kindle fire	1	2,367	0	2,367
34 Cleaning washing parts				
35 Improper Container: Metal				
36 Improper Container: Plastic	1	6,145	503	6,648
37 Combustible placed too close to heat	5	38,212	31,143	69,355
38 Improper Storage	7	158,319	3,158	161,477
39 Misuse of Material ignited Unknown	5	73,167	9,880	83,047
40 MECHANICAL & ELECTRICAL FAILURE MALFUNCTION				
41 Part failure Leak Break	7	63,885	37,662	101,547
42 Automatic control failure	6	52,385	13,780	66,165
43 Manual control failure				
44 Electrical short circuit	36	528,759	173,400	702,159
45 Lack of maintenance	5	80,998	13,758	94,756
46 Part worn out				
49 Mechanical & Electrical Failure Malfunction Unknown	27			
50 CONSTRUCTION DESIGN OR INSTALLATION DEFIENCY				
51 Design deficiency				
52 Construction Deficiency	8	99,302	19,445	118,747
53 Installed too close to combustible	7	144,359	55,201	199,560
54 Other installation deficiency	1	6,220	0	6,220

TABLE 2 CONTINUED

	CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
55	Overfusing				
59	Construction Design or Installation deficiency	9	278,178	18,432	296,610
60	**MISUSE OF EQUIPMENT**				
69	Misuse of Equipment Unknown	7	108,116	177,761	285,877
70	**HUMAN FAILING**				
71	Asleep	6	76,482	8,733	85,215
72	Temporary loss of Judgement	2	8,420	1,487	9,907
73	Physical disability				
74	Accident (Personal) Includes Panic	5	17,380	11,895	29,275
75	Influence of alcohol	2	5,278	12,514	17,792
76	Influence of drugs	3	56,942	5,415	62,357
79	Human Failing Unknown	36	350,543	37,927	388,470
80	**VEHICLE ACCIDENT**				
81	Automobile				
82	Industrial Truck				
83	Other road vehicle				
84	Rail Vehicle				
85	Watercraft	1	6,305	0	6,305
86	Aircraft				
89	Vehicle Accident	1	1,522	250	1,772
90	**MISCELLANEOUS**				
99	Miscellaneous Unknown	611	6,483,452	1,675,365	8,158,817
TOTALS FOR YEAR		**870**	**10,325,470**	**3,407,371**	**13,732,841**

TABLE 3

SUMMARY OF LOSSES BY SOURCE OF IGNITION CLASSIFICATION
FIRES OCCURRING IN THE YEAR 1983

	CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
10	**HEATING EQUIPMENT**				
11	Central Heating Unit Furnace-Boiler-Stoker	9	247,275	33,507	280,782
12	Service Water Heater	2	32,248	5,766	38,014
13	Space Heater Stationary	16	311,072	47,761	358,833
14	Space Heater: Portable	1	42,466	17,534	60,000
15	Fireplace	5	30,680	200	30,880
16	Chimney or	30	368,559	85,868	454,427
	Gas Vent				
17	Flue Pipe or Vent Connector	2	48,859	4,978	53,837
18	Steam or Hot Water Pipe				
19	Heating Equipment - unknown or unclassified	6	143,497	55,581	199,078
20	**COOKING EQUIPMENT**				
21	Stove or Range	46	321,405	125,171	446,576
22	Oven - includes Rotisserie	1	1,197	200	1,397
23	Food Warming Appliance	2	2,953	200	3,153
24	Deep Fat Fryer and Grease	2	6,587	200	6,787
25	Cooking Unit Portable	3	15,542	9,614	25,156
26	Open fired broiler - fixed type	0	0	0	0
27	Open fired broiler portable	2	9,160	2,398	11,558

T A B L E 3 CONTINUED

	CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
29	Cooking Equipment - Unknown or unclassified	1	2,892	0	2,892
30	**SMOKERS MATERIAL**				
31	Cigarette includes match and lighter	14	275,438	39,056	314,494
32	Pipe				
33	Cigar				
39	Smokers Material - unknown or unclassified	2	41,416	16,401	57,817
40	**ELECTRICAL DISTRIBUTION EQUIPMENT**				
41	Electrical Wiring - cable power line junction box	25	396,093	128,021	524,114
42	Transformer				
43	Switchgear				
44	Panelboard - switchboard	2	4,266	0	4,266
45	Switch-outlet-socket receptacle	6	131,210	8,514	139,724
46	Electric Wiring or Cable: Temporary	6	214,853	11,742	226,595
47	Signal or telephone equipment	1	5,753	200	5,953
48	Battery - rectified charger or rotary converter				
49	Electrical Equipment - unknown or unclassified	1	5,078	1,965	7,043
50	**ELECTRICAL APPLIANCES & EQUIPMENT**				
51	Television or Radio	1	3,957	0	3,957
52	Motor: 1 HP or over				
53	Motor: under 1 HP	1	218	100	318
54	Electronic equipment				

TABLE 3 CONTINUED

	CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
55	Electronic Equipment - Data Processing				
56	Electric blanket or heating pad				
57	Incandescent lamp-lantern spotlight or flashlight	2	20,994	14,200	35,194
58	Fluorescent Lamp	3	75,505	3,318	78,823
59	Electronic appliances - unknown or unclassified	20	183,116	40,809	223,925
60	**OTHER APPLIANCES AND EQUIPMENT**				
61	Dryer	1	5,000	15,000	20,000
62	Air Conditioning and refrigeration equip.				
63	Pressing iron				
64	Internal Combustion engine				
65	Tar pot or kettle	1	20,275	1,000	21,275
66	Incinerator	1	1,091	100	1,191
67	Air Conditioning unit	1	1,132	282	1,414
68	Refrigeration unit				
69	Other appliances - unknown or unclassified	1	38,370	0	38,370
70	**'OPEN' FLAMES**				
71	Match	12	299,771	93,681	393,452
72	Lighter	2	4,887	4,355	9,242
73	Lamp	1	6,967	0	6,967
74	Candle or Taper				
75	Cutting Torch	1	1,013	1,487	2,500
76	Welding Equipment	3	45,143	1,300	46,443

TABLE 3 CONTINUED

	CLASSIFICATION	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
77	Torch:other than cutting				
78	Hot ashes or embers	7	16,326	4,911	21,237
79	'Open' Flames: Unknown or unclassified	7	40,072	54,923	94,995
80	**EXPOSURE**				
81	Structure - attached				
82	Structure - detached				
83	Lumber Yard				
84	Outside Storage Container or Tank				
85	Open Fire				
86	Forest				
87	Grass or Bush	1	40,034	8,400	48,434
89	Exposure Unknown or unclassified				
90	**MISCELLANEOUS**				
91	Heat Treatment Equipment	1	60,860	0	60,860
92	Industrial Oven	1	2,858	0	2,858
93	Printing or Photographic Equipment				
94	Explosives	1	1,780	15,000	16,780
95	Fireworks				
96	Bearing - belting - conveyer or brake	1	530	0	530
97	Machinery - equipment or industrial	3	183,577	0	183,577
98	Chemical Reaction	1	4,731	100	4,831
99	Miscellaneous Unknown or unclassified	612	6,608,764	2,553,528	9,162,292
	TOTALS FOR YEAR	**870**	**10,325,470**	**3,407,371**	**13,732,841**

TABLE 4

SUMMARY OF LOSSES BY PROPERTY CLASSIFICATION
FIRES OCCURRING IN THE YEAR 1983

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
120 AMUSEMENT RECREATION PLACE				
122 Billiard Centre Pool Hall	1	12,500	0	12,500
140 CHURCH COURT ROOM FUNERAL PARLOUR				
141 Church Chapel	2	9,137	0	9,137
142 Religious Education Facility				
144 Funeral Parlour	1	1,132	282	1,414
160 LIBRARY MUSEUM				
161 Library	1	6,808	600	7,408
162 Museum				
163 Art Gallery				
164 Historic Building				
165 Monument Memorial Building				
169 Library				
170 EATING ESTABLISHMENT				
171 Restaurant	3	24,217	6,766	30,983
172 Night Club Beverage Room				
173 Tavern	1	3,957	0	3,957

TABLE 4 CONTINUED

		FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
249	Hospital Unknown				
290	**MISCELLANEOUS**				
299	Miscellaneous Unknown				
300	**RESIDENTIAL**				
310	One-Two Family Residence				
311	Dwelling-Year Round Use	247	3,777,947	1,089,724	4,867,671
312	Dwelling Seasonal Use In Season Summer Cottage	15	83,328	43,290	126,618
313	Dwelling Seasonal Use Off Season	4	78,085	26,866	104,951
314	Dwelling Year-Round Use 2-Family	9	34,142	6,568	40,710
315	Dwelling Seasonal Use In Season-2-Family				
316	Dwelling Seasonal Use Off Season-2-Family				
319	Unknown				
323	3-20-Units with Business	8	180,831	10,421	191,252
324	3-20-Units without Business	18	415,460	216,040	631,500
325	Over 20-Units with or without Business	5	34,992	8,330	43,322
329	Apartments Unknown	1	8,736	1,000	9,736
330	**ROOMING BOARDING LODGING HOUSE**				
340	**HOTEL INN LODGE**				
341	Year-Round Use	3	18,083	16,035	34,118

TABLE 4 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
350 MOTOR HOTEL MOTEL				
351 Fewer than 3-Units Tourist Cabin				
352 3-20 Units	1	20,258	93,742	114,000
353 Over 20-Units				
359 Motel Hotel Unknown				
360 DORMITORY				
370 MOBILE HOME TRAILER				
371 Mobile-Home (1-2 Family)	19	229,285	71,441	300,726
372 Houseboat				
373 Travel Trailer	1	585	0	585
374 Camping Trailer				
375 Motor Home				
376 Mobile Camp	1	10,000	0	10,000
377 Tents				
379 Mobile Home Trailer Unknown	1	45,621	1,379	47,000
390 Miscellaneous				
391 Childrens Play House				
399 Miscellaneous Unclassified or Unknown	109	1,518,727	306,878	1,825,605
400 BUSINESS AND PERSONAL SERVICE				
410 OFFICE				
411 General Business Office	1	2,901	467,099	470,000
412 Civic Federal or Provincial Government Off.				
413 Bank	1	4,317	1,000	5,317

TABLE 4 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
430 ELECTRONIC EQUIPMENT				
431 Electronic Data Processing	1	0	15,000	15,000
432 Electronic Data Record Storage				
439 Electronic Equipment Unknown				
490 MISCELLANEOUS				
499 Miscellaneous Unknown	1	31,500	0	31,500
500 MERCANTILE				
510 FOOD BEVERAGE SALE				
511 Supermarket				
512 Market Grocery Store	1	1,091	100	1,191
520 TEXTILE WEARING APPAREL				
521 Clothing Store	1	19,718	100	19,818
522 Clothing Accessories Shoes				
523 Shoe Repair Shop				
530 FURNITURE APPLIANCE HARDWARE				
531 Furniture Store				
532 Appliance Store				
533 Hardware Store				
543 Drug Store				

T A B L E 4 CONTINUED

		FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
561	Furniture Repair	3	2,760	300	3,060
567	Maintenance Shop General	1	4,100	3,650	7,750
569	Repair Shop Laundry Dry Cleaner Unknown				
570	**MOTOR VEHICLES BOATS**				
571	Service Station Public				
572	Service Station Private	1	24,750	1,026	25,776
573	Motor Vehicle Repairs Car Wash	5	73,410	23,090	96,500
574	Motor Vehicle and Trailer Sales				
575	Motor Vehicle Accessory Sales	1	494	225,000	225,494
582	Variety Store-Small				
583	Variety Store-Large				
584	Mail Order Store				
589	Department Variety Store Unclassified Unknown				
590	**MISCELLANEOUS**				
591	Professional Supply Sales				
592	Trade Supply Sales				
593	Builders Supply Sales				
594	Restaurant Supplies & Ser.				
599	Miscellaneous Unknown	2	171,559	24,000	195,559
618	Asphalt Coal Products	1	20,275	1,000	21,275
619	Chemicals Petroleum Paints Plastics Unknown				
620	**WOOD FURNITURE PAPER PRINTING**				
621	Sawmill Planning Mill	2	761,071	100,000	861,071

TABLE 4 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
630 METAL METAL PRODUCTS ELECT. EQUIP. & APPLIAN.				
631 Basic Iron & Steel				
632 Basic Nonferrous Metals				
633 Basic Metal Products				
634 Machinery Machine Shops	1	24,712	0	24,712
644 Canning Fish Sea Foods	1	89,993	4,462	94,455
711 Seeds Grain Storage in Bulk	1	3,742	2,500	6,242
712 Boxed Agricultural Products				
715 Livestock Storage	1	31,000	27,000	58,000
750 WOOD FURNITURE PAPER & PRODUCTS				
751 Lumberyards Building Mat.				
752 Wood products	1	16,960	5,000	21,960
756 Paper & Paper Products	1	33,236	656	33,892
779 Metal Products Machinery Electrical Equip Unknown	1	3,055	100	3,155
780 VEHICLES				
781 Garage Individual	8	70,319	8,205	78,524
782 Garage General Auto Parking	1	15,356	0	15,356
784 Heavy Machine & Equipment				
790 GENERAL ITEM STORAGE				
791 General Warehouse	1	2,839	0	2,839
792 Bagged Cement Lime				
793 Coal Briquette Charcoal	1	218	100	318
799 General Item Storage	3	3,731	14,000	17,731

TABLE 4 CONTINUED

	FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
835 Vacant Property	3	36,679	200	36,879
836 Unoccupied Property				
848 Commercial Fishing Vessel	1	30,000	0	30,000
849 Watrercraft Unknown				
850 RAIL TRANSPORT				
860 GROUND TRANSPORT VEHICLE				
861 Automobile/Car/Taxi	212	478,613	36,091	514,704
864 Truck Flammable Liquid Chemical Tank				
865 Truck General	87	353,453	28,610	382,063
866 Motorcycle	1	0	6,300	6,300
867 Wagon Non-Motorized Hauling Vehicle				
868 Industrial or Commercial Trailer	1	7,500	2,200	9,700
869 Ground Transport Vehicle Unknown	2	5,265	701	5,966
870 AIRCRAFT				
880 SPECIAL VEHICLE				
881 Construction Equipment	6	109,957	67,394	177,351
882 Farm Tractor & Equipment	7	57,852	505	58,357
883 Crane Mobile & Fixed				
884 Industrial Truck	3	5,747	1,000	6,747
889 Special Vehicle Unknown				
899 Miscellaneous Unknown	1	639	644	1,283
900 MISCELLANEOUS PROPERTIES				

T A B L E 4 CONTINUED

		FIRES	INSURED LOSS	UNINSURED LOSS	TOTAL LOSS
921	Poultry Egg Production	1	3,819	8,181	12,000
922	Cow & Cattle Production	1	85,000	57,375	142,375
923	Storage Barn	7	105,040	30,801	135,841
924	Animal Barn Cattle Pigs etc	2	134,550	10,450	145,000
925	Crops Orchards	2	63,500	230,000	293,500
929	Farm Facility Unknown	1	12,000	0	12,000
930	**MISCELLANEOUS OUTBUILDINGS**				
931	Shed Implement Shed	12	48,171	8,561	56,732
939	Miscellaneous Outbuildings Unknown	1	5,101	100	5,201
990	**MISCELLANEOUS**				
999	Miscellaneous	24	455,564	50,590	506,154
	TOTALS FOR YEAR	**870**	**10,325,470**	**3,407,371**	**13,732,841**

TABLE 5

SUMMARY OF FIRES IN NEW BRUNSWICK FOR YEARS 1981, 1982, 1983

1981

Year	No. Fires	Property Loss	Insurance Loss	Uninsured Loss
1981	1,336	20,503,938	14,666,453	5,837,485

1982

Month	No. of Fires	Property Loss	Insurance Loss	Uninsured Loss
January	155	3,332,599	2,594,873	737,726
February	118	1,861,568	1,684,058	177,510
March	113	1,830,474	1,512,327	318,147
April	88	1,305,761	1,029,603	276,158
May	113	1,892,970	1,715,258	177,712
June	97	1,351,865	941,176	410,689
July	94	2,504,172	1,609,983	894,189
August	72	1,533,155	1,271,709	261,446
September	71	876,433	706,792	169,641
October	101	1,450,790	1,111,401	339,389
November	74	877,611	726,527	151,084
December	64	965,212	786,430	178,782
TOTALS	**1160**	**19,782,610**	**15,690,137**	**4,092,473**

1983

Month	No. Fires	Property Loss	Insurance Loss	Uninsured Loss
January	106	1,731,285	1,463,316	267,969
February	81	1,588,362	1,220,121	368,241
March	86	1,360,461	1,159,757	200,704
April	96	1,620,668	953,509	667,159
May	62	1,071,317	685,539	385,778
June	62	915,912	782,227	133,685
July	77	538,502	480,268	58,234
August	70	1,057,873	800,797	257,076
September	67	787,886	589,619	198,267
October	65	1,610,217	1,273,817	336,400
November	47	289,403	237,918	51,485
December	51	1,160,955	678,582	482,373
TOTALS	**870**	**13,732,841**	**10,325,470**	**3,407,371**

TABLE 6

COMPARATIVE LOSSES IN MUNICIPALITIES, 1983

MUNICIPALITY	ESTIMATED POPULATION	PROPERTY LOSS	PER CAPITA LOSS
Atholville	999	108,755	109
Baker Brook	999	6,773	7
Bas-Caraquet	999	22,012	22
Bath	999	6,084	6
Balmoral	999	7,117	7
Bathurst	15705	466,945	30
Beresford	999	13,498	14
Belledune	999	52,136	52
Bertrand	999	6,079	6
Blacks Harbour	999	315	0
Blackville	999	183,044	183
Buctouche	999	19,868	20
Campbellton	9818	875,687	89
Caraquet	4315	4,620	1
Centreville	999	6,000	6
Chatham	6779	160,663	24
Chipman	999	69,818	70
Clair	999	15,978	16
Cap-Pele	999	123,280	123
Dalhousie	4958	130,340	26
Darlington	999	3,100	3
Douglastown	999	13,402	13
Dieppe	8511	23,182	3
Doaktown	999	417	0
Drummond	999	79,920	80
Edmundston	12044	200,063	17
Eel River Crossing	999	20,450	20
Fredericton	43723	638,473	15
Grande Anse	999	50,768	51
Grand Falls	6203	12,673	2
Hampton	999	262,651	263
Hillsborough	999	766,571	767
Kedgwick	999	105,031	105
Lameque	999	7,304	7
Lac Baker (Baker Lake)	999	318	0
Loggieville	999	1,290	1
McAdam	999	45,222	45
Millville	999	7,464	7
Minto	999	64,931	65
Moncton	54743	323,850	6
Nackawic	1357	78,067	58
Neguac	999	13,879	14
Newcastle	6284	91,733	15
Nigadoo	999	45,000	45

T A B L E 6 CONTINUED

COMPARATIVE LOSSES IN MUNICIPALITIES, 1983

MUNICIPALITY	ESTIMATED POPULATION	PROPERTY LOSS	PER CAPITA LOSS
Nelson-Miramichi	999	153,572	154
Norton	999	132,595	133
Oromocto	9064	165,614	18
Paquetville	999	8,764	9
Perth-Andover	999	3,777	4
Petitcodiac	999	10,000	10
Port Elgin	999	45,530	46
Plaster Rock	999	3,036	3
Petit-Rocher	999	161,913	162
Pointe-Verte	999	20,380	20
Quispamsis	999	57,312	57
Rexton	999	900	1
Richibucto	999	53,568	54
Riverview	14907	78,560	5
Rogersville	999	23,332	23
Rothesay	1764	950	1
Riviere-Verte	999	12,582	13
Saint-Antoine	999	10,554	11
Sackville	5654	11,064	2
Sainte-Anne-De-Madawa	999	223,423	224
Salisbury	999	8,683	9
Saint-Basile	999	151,756	152
Sussex Corner	999	44,220	44
Saint-Francois-de-Mad	999	58,558	59
Sheila	999	64,736	65
Shediac	4285	70,835	17
St. Hilaire	999	7,040	7
Shippegan	8637	56,720	7
Saint John	80521	1,142,361	14
Saint-Jacques	999	146,920	147
Saint-Louis-De-Kent	999	122,001	122
Saint Leonards	1566	11,974	8
Saint Martins	999	70,000	70
Saint-Quentin	999	78,264	78
St. Stephen	5120	121,149	24
St. Andre	999	64,928	65
St. George	1163	51,442	44
Sussex	3972	80,983	20
Tide Head	999	45,235	45
Tracadie	2452	150,089	61
Westfield	999	5,695	6
Woodstock	4649	2,839	1

TABLE 7

FIRE LOSSES IN NEW BRUNSWICK FOR TEN YEARS 1974 - 1983 INCLUSIVE

YEAR	NO. FIRES	PROPERTY LOSS	INSURANCE LOSS
1974	1,129	15,387,764	13,039,824
1975	1,032	19,619,899	17,513,121
1976	1,206	15,442,647	13,421,184
1977	1,142	24,055,123	22,282,541
1978	1,411	16,427,405	14,588,938
1979	2,004	23,196,556	21,431,737
1980	1,908	15,133,569	14,233,248
1981	1,336	20,503,938	19,037,485
1982	1,160	19,782,610	4,092,473
1983	870	13,732,841	10,325,470
TOTALS	**13,198**	**183,282,352**	**149,966,021**

TABLE 8

SUMMARY OF LOSSES IN FIRES OVER $100,000 FOR FIRES OCCURRING IN 1983

DATE	PROPERTY CLASSIFICATION	LOCATION	INSURED LOSS	TOTAL LOSS	PRESUMED CAUSE
830116	Drug Store	Hampton,KINGS COUNTY	205,082	250,000	Inadequate control of Open Fire
830330	Miscellaneous Unknown	Unincorporated areas,	145,559	145,559	Improper Storage
830505	3-20 Units	Bathurst,GLOUCESTER COUNTY	20,258	114,000	Electrical short circuit
830416	General Business Office	Campbellton,RESTIGOUCHE COUNTY	2,901	470,000	Arson & Other Fires Unknown
830506	Cow & Cattle Production	Tracadie,GLOUCESTER COUNTY	85,000	142,375	Miscellaneous Unknown
830210	Dwelling-Year Round Use	Petit-Rocher,GLOUCESTER COUNTY	91,433	129,900	Miscellaneous Unknown
830523	Miscellaneous Unclassified	Unincorporated areas,	71,100	143,750	Miscellaneous Unknown
830816	Miscellaneous	Nelson-Miramichi,NORTHUMBERLAND COUNTY	136,840	141,840	Miscellaneous Unknown
830816	Sawmill Planning Mill	Blackville,NORTHUMBERLAND COUNTY	0	100,000	Miscellaneous Unknown
831003	Crops Orchards	Unincorporated areas,	50,000	280,000	Miscellaneous Unknown
831020	Sawmill Planning Mill	Hillsborough,ALBERT COUNTY	761,071	761,071	Miscellaneous Unknown
830913	Dwelling-Year Round Use	Unincorporated areas,	50,000	125,000	Criminal Offence
831204	Hardware Store	Campbellton,RESTIGOUCHE COUNTY	195,000	195,000	Mechanical & Electrical Failure
831226	Motor Vehicle Accessory Sales	Saint John,SAINT JOHN COUNTY	494	225,494	Miscellaneous Unknown
831211	3-20-Units without Business	Fredericton,YORK COUNTY	70,997	166,997	Misuse of Equipment Unknown

TABLE 9

STATEMENT OF FATALITIES - 1983

ORIGINATING CAUSE	MEN	WOMEN	CHILDREN	TOTAL
TRAPPED		1	3	4
FIGHTING FIRE	1			1
IMPAIRED	3	2		5
ASLEEP	2	1		3
UNKNOWN	2			2
TOTALS	8	4	3	15

T A B L E 10

STATEMENT OF INJURIES - 1983

ORIGINATING CAUSE	MEN	WOMEN	CHILDREN	TOTAL
FIGHTING FIRE	1			1
SMOKE INHALATION	5	1		6
COOKING OIL	1			1
FLASH FIRE			2	2
EXPLOSION	2			2
UNKNOWN	4	1		5
TOTALS	13	2	2	17

TABLE 11
1983 ANNUAL WORK REPORT

COUNTY	INSPECTIONS	RE-INSPECTIONS	FIRE MARSHAL'S ORDERS	INVESTIGATIONS	PROSECUTIONS
Albert	48	2	22	0	0
Carleton	174	111	32	6	0
Charlotte	136	51	3	0	0
Gloucester	164	25	67	11	0
Kent	94	17	47	2	0
Kings	197	42	19	1	0
Madawaska	119	18	62	12	0
Northumberland	190	22	34	5	1
Queens	53	0	7	0	0
Restigouche	112	26	40	1	0
Sunbury	54	3	2	1	0
Saint John	109	12	15	0	0
Victoria	62	22	40	1	0
Westmorland	238	52	138	6	1
York	193	51	23	2	1
TOTALS	1,943	454	551	48	3

Hospitals 32 Schools 229 Theatres 5 Dance Halls 22 Nursing Homes 71 Special Care Homes 155 Foster Homes 9 Mobile Homes 183 Churches 57 Day Care Centres 34 Kindergartens 5 Liquor Outlets 705 Liquor Outlets Re-Inspections 14 Plans Examined 724 Films Distributed 121 Fire Prevention Lectures 117 Hotels 105 Service Stations 70 Bulk Storage Plants 37 Calls 2,007 Violations Noted 1,472 Violations Corrected 1,019 Fire Fighting Training Lectures 228

T A B L E 12

MISCELLANEOUS LOSSES NOT INCLUDED IN TABLES 1-11

FOR FIRES OCCURRING IN THE YEAR 1983

CLASSIFICATION	NO.	ESTIMATED PROPERTY LOSS
CARPETS & FLOORING	117	63,031
VEHICLES	161	21,655
CHIMNEY	177	156,525
ELECTRICAL	71	38,781
SMOKE DAMAGE	191	185,379
FURNITURE	39	18,705
APPLIANCES	45	17,546
BEDDING	5	3,887
COUNTERS & CUPBOARDS	23	9,466
CLOTHING	2	535
MISCELLANEOUS	228	109,197
TOTALS	1059	624,707